

reflection target disposed at a position farther from the radar device than a distance between the radar device and the radar mount direction alignment device.

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2. (Amended) A radar mount direction alignment device for aligning a transmit/receive direction of a radar device mounted on a member on which the radar device is mounted, the device comprising:

a receiving section for receiving a signal transmitted from the radar device;

a transmission section for transmitting a signal to the radar device; and

means for providing a predetermined delay time for the signal received by the receiving section.

12. (Amended) A radar mount direction alignment method for aligning a transmit/receive direction of a radar device, the device being mounted on a member on which a radar unit is mounted, the device having a relative angle sensor for sensing a relative angle with reference to a target, the method comprising:

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disposing a transmission section at a predetermined position;

detecting an angle relative to the transmission section by the relative angle sensor;

detecting an angle relative to the receiving section detected by the relative angle sensor; and

aligning the transmit/receive direction of the radar device in accordance with the angle relative to the transmission section the angle relative to the receiving section.

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14. (Amended) A radar mount direction alignment method of aligning a transmit/receive direction of a radar device, the device being mounted on a member on which a radar unit is mounted, the device having a signal intensity sensor for receiving a signal reflected from a target and detecting the intensity of the receiving signal, the method comprising:

placing a transmission section at a predetermined position;

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detecting the intensity of the signal by the signal intensity sensor; and
aligning a transmit/receive direction of the radar device in accordance with the
intensity of a signal transmitted from the transmission section.

16. (Amended) A radar mount direction alignment method of aligning a
transmit/receive direction of a radar device, the device being mounted on a member on which
a radar unit is mounted, the device having a signal intensity sensor for detecting the intensity
of a signal received from the outside, the method further comprising:

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placing a plurality of transmission sections each for transmitting branched signals at
different predetermined positions;

detecting the intensity of the signal by the signal intensity sensor; and

aligning a transmit/receive direction of the radar device in accordance with the
intensity of signals transmitted from the transmission sections.

20. (Amended) A radar mount direction alignment method for aligning a
transmit/receive direction of a radar device, the device being mounted on a member on which
a radar unit is mounted, the device having a relative angle sensor for detecting a distance
relative to a target, the method comprising:

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disposing a reflection target at a predetermined location;

detecting an angle relative to the reflection target by the relative angle sensor; and

aligning the transmit/receive direction of the radar device in accordance with the
angle relative to the reflection target.

29. (Amended) A radar device comprising:

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a reflection sensitivity sensor for detecting the intensity of a signal reflected from a
target;

a relative distance sensor for detecting a distance relative to the target; and

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a detection sensitivity difference calculation device for calculating a difference in the sensitivity in detection of the intensity of a reflected signal which is susceptible to the influence of a distance, on the basis of a distance relative to the target detected by the relative distance sensor.

31. (Amended) A radar mount direction alignment method for aligning a transmit/receive direction of a radar device mounted on a member on which a radar device is mounted, such as a vehicle, and has a beam scanning function, the method comprising:

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disposing a receiving section for receiving a signal transmitted from the radar device at a predetermined position; and

detecting a change in the level of a signal received by the receiving section as a result of beam scanning; and

aligning the transmit/receive direction of the radar device in accordance with the change in the level of the signal.

32. (Amended) The radar mount direction alignment method according to claim 31, wherein a signal is transmitted from the radar device toward a center direction of beam scanning.

39. (Amended) The radar mount direction alignment method according to claim 31, wherein an unmodulated transmission wave signal is transmitted from the radar device.

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40. (Amended) A radar mount direction alignment device comprising:
a receiving section for receiving a signal; and
a converter for converting the frequency of the signal into a lower frequency, the signal used to align a transmit/receive direction of a radar device.

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48. (Amended) A method for adjusting alignment of a mount direction of a radar, the method comprising:

receiving a signal from the radar by a first reflection unit;